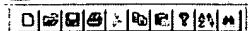- Drafts
- Pending
- Active
  - L1: (651446) mirror$4
  - L2: (143088) cascad$4 or (daisy adj chain$4) or daisychain$4
  - L3: (1068) 1 with 2
  - L4: (478) 1 near3 2
  - L5: (4892) ((711/114,162) or (714/6,7)).CCLS.
  - L6: (13) 4 and 5
  - L7: (27) "6182198"
  - L8: (4) (("6182198") or ("6691245")).PN.
  - L9: (2) ("20030126107").PN.
  - L10: (2) ("6216211").PN.
- Failed
- Saved
- Favorites
- Tagged (10)
- UDC
- Queue
- Trash

	U	1	Document ID	Issue Date	Pages	Inventor ▲	Title	Current OR	Current XR
1			US 6665780 B1	20031216	20	Bradley; Mark W.	N-way data mirroring systems and methods for using the same	711/162	711/112;
2			US 6691245 B1	20040210	13	DeKoning; Rodney A.	Data storage with host-initiated synchronization and fail-over of remote mirror	714/6	711/156 714/15
3			US 20010047462 A1	20011129	22	Dimitroff, John E. et al.	Cascaded removable media data storage system	711/162	711/114; 711/115
4			US 6295578 B1	20010925	24	Dimitroff; John E. et al.	Cascaded removable media data storage system	711/114	709/211; 709/212;
5			US 6182198 B1	20010130	17	Hubis; Walter A. et al.	Method and apparatus for providing a disc drive snapshot backup while allowing normal drive read, write, and buffering operations	711/162	707/204; 711/112;
6			US 20030191917 A1	20031009	23	McBrearty, Gerald Francis et al.	Apparatus and method of maintaining reliable offline mirror copies in virtual volume groups	711/162	
7			US 20030191916 A1	20031009	23	McBrearty, Gerald Francis	Apparatus and method of cascading backup logical volume mirrors	711/162	711/112; 711/114;
8			US 6820180 B2	20041116	23	McBrearty; Gerald Francis	Apparatus and method of cascading backup logical volume mirrors	711/162	711/114;
9			US 6216211 B1	20010410	11	McBrearty; Gerald Francis et al.	Method and apparatus for accessing mirrored logical volumes	711/162	711/163; 711/167
10			US 20030126107 A1	20030703	15	Yamagami, Kenji	Methods and apparatus for backup and restoring systems	707/1	

BRS form   ISLR form   Hits   Details

Ready   NUM

- Drafts
- Pending
- Active
  - L1: (2) node adj shunt$4 adj link
  - L2: (112424) shunt$4
  - L3: (651446) mirror$4
  - L4: (1229) 2 same 3
  - L5: (590) 2 with 3
  - L6: (336) 2 near5 3
  - L7: (4892) ((711/114,162) or (714/6,7)).CCLS.
  - L8: (0) 6 and 7
  - L9: (0) 4 and 7
  - L10: (2964) failover
  - L11: (158) 10 and 3 and 7
  - L12: (74) (10 same 3) and 7
  - L13: (49) (10 with 3) and 7
- Failed
- Saved
- Favorites
- **Tagged (14)**
- UDC

	U	1	Document ID	Issue Date	Pages	Inventor△	Title	Current OR	Current >
1	□	☑	US 6665780 B1	20031216	20	Bradley; Mark W.	N-way data mirroring systems and methods for using the same	711/162	711/112; 711/156
2	□	☑	US 6691245 B1	20040210	13	DeKoning; Rodney A.	Data storage with host-initiated synchronization and fail-over of remote mirror	714/6	714/15
3	□	☑	US 20010047462 A1	20011129	22	Dimitroff, John E. et al.	Cascaded removable media data storage system	711/162	711/114; 714/115
4	□	☑	US 6295578 B1	20010925	24	Dimitroff; John E. et al.	Cascaded removable media data storage system	711/114	709/211; 709/212
5	□	☑	US 6182198 B1	20010130	17	Hubis; Walter A. et al.	Method and apparatus for providing a disc drive snapshot backup while allowing normal drive-read, write, and buffering operations	711/162	707/204; 711/112
6	□	☑	US 20030191917 A1	20031009	23	McBrearty, Gerald Francis et al.	Apparatus and method of maintaining reliable offline mirror copies in virtual volume groups	711/162	
7	□	☑	US 20030191916 A1	20031009	23	McBrearty, Gerald Francis et al.	Apparatus and method of cascading backup logical volume mirrors	711/162	711/112; 714/20
8	□	☑	US 6820180 B2	20041116	23	McBrearty; Gerald Francis et al.	Apparatus and method of cascading backup logical volume mirrors	711/162	711/114; 711/161
9	□	☑	US 6216211 B1	20010410	11	McBrearty; Gerald Francis et al.	Method and apparatus for accessing mirrored logical volumes	711/162	711/163; 711/167
10	□	☑	US 6795895 B2	20040921	66	Merkey; Jeffrey Vernon et al.	Dual axis RAID systems for enhanced bandwidth and reliability	711/114	714/6; 714/7
11	□	☑	US 20030126107 A1	20030703	15	Yamagami, Kenji	Methods and apparatus for backup and restoring systems	707/1	
12	□	☑	US 20050028025 A1	20050203	10	Zalewski, Stephen H. et al.	Method and apparatus for creating a storage pool by dynamically mapping replication schema to provisioned storage volumes	714/6	709/203; 711/162
13	□	☑	US 20050010731 A1	20050113	11	Zalewski, Stephen H. et al.	Method and apparatus for protecting data against any category of disruptions	711/162	714/6
14	□	☑	US 7032126 B2	20060418	9	Zalewski; Stephen H. et al.	Method and apparatus for creating a storage pool by dynamically mapping replication schema to provisioned storage volumes	714/7	711/133

BRS form IS&R form Hits Details

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	node adj shunt$4 adj link	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:07
L2	112424	shunt$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:07
L3	651446	mirror$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:07
L4	1229	2 same 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:07
L5	590	2 with 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:07
L6	336	2 near5 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:08
L7	4892	((711/114,162) or (714/6,7)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 16:08
L8	0	6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:08
L9	0	4 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:10

L10	2964	failover	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:10
L11	158	10 and 3 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:11
L12	74	(10 same 3) and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:11
L13	49	(10 with 3) and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 16:11

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	651446	mirror$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 09:38
L2	143088	cascad$4 or (daisy adj chain$4) or daisychain$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 09:39
L3	1068	1 with 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 09:39
L4	478	1 near3 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 09:40
L5	4892	((711/114,162) or (714/6,7)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 09:40
L6	13	4 and 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 10:20
L7	27	"6182198"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 10:21
L8	4	(("6182198") or ("6691245")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:21
L9	2	("20030126107").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:44

L10	2	("6216211").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 10:44